

## Patent Abstracts of Japan

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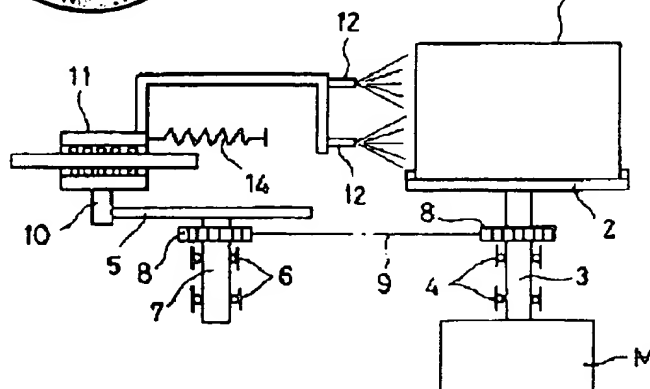
TC 1700

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INVENTOR : KURITA BUSHIO;

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TITLE : BOX COATING DEVICE



ABSTRACT : PURPOSE: To provide a box coating device as a simple and inexpensive machine for exclusive use which is of high coating adhesion rate to reduce the coating cost and of high coating capability.

CONSTITUTION: A device is used for spraying a coating material on the side surface of a square box 1 and coating thereon, and comprises a support stand 2 for supporting the box 1 and revolving the box 1 around its axial center continuously during coating, a cam 5 of a profile similar to the square shape of the box 1 and provided on the same phase as the box 1, a cam follower 10 being brought into contact with the cam 5, a slide stand 11 connected with the cam follower 10 and sliding in the back and forth direction to the box 1 and a spray gun 12 connected with the slide stand 11 and set facing the box 1. The distance between the side surface of the box 1 and the spray gun 12, therefore, is kept almost constant by synchronously revolving the cam 5 with the support stand 2.

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